

Converting Colors

YUV(168.5700, -0.7740,
61.7671)

Have a look what the booklet for
YUV(168.5700, -0.7740, 61.7671)
contains.

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Color

**YUV(168.5700, -0.7740,
61.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	EF85A7
RGB	239, 133, 167
RGB Percent	94%, 52%, 65%
CMY	0.0627, 0.4784, 0.3451
CMYK	0.00, 0.44, 0.30, 0.06
HSL	341°, 77%, 73%
HSV	341°, 44%, 94%
XYZ	50.9592, 37.9158, 41.1919
YIQ	168.5700, 52.2620, 33.0460

Conversions

Conversions Part 2

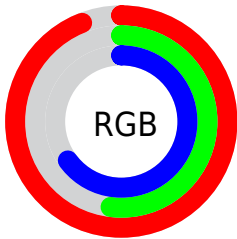
Format	Color
R _Y B	239, 133, 167
Decimal	15697319
CIE Lab	67.96, 44.30, 0.11
CIE LCh	68, 44.302, 0.139
Yxy	37.9158, 0.3918, 0.2915
Android (android.graphics.Color)	4293887399 (0xFFEF85A7)
YUV	168.5700, -0.7740, 61.7671
Hunter-Lab	61.5758, 39.9662, 3.4403

Details

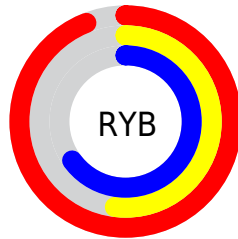
The YUV color **168.5700, -0.7740, 61.7671** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.4300, 0.7740, -61.7671**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9090, 4.9749, 37.7908**, and **113.8900, 0.5472, 57.9785** is the 20% darker color. If you saturate the color by 10%, you get **152.6580, -0.8174, 75.7219**, and if you desaturate by 10%, it is **184.4820, -0.7306, 47.8123**.

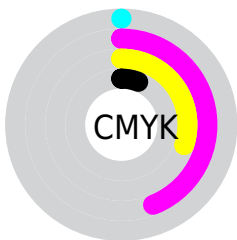
Distribution



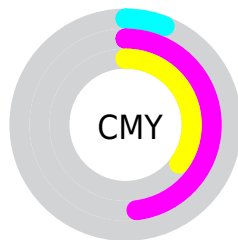
- Red (94%)
- Green (52%)
- Blue (65%)



- Red (94%)
- Yellow (52%)
- Blue (65%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5700, -0.7740, 61.7671 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 168.5700, -0.7740, 61.7671 by changing the saturation by 10% instead.

168.5700, -0.7740,
61.7671

168.5700, -0.7740,
61.7671

255.0000, 0.0000,
0.0000

140.7870, 0.1050,
59.8228

211.9090, 4.9749,
37.7908

113.8900, 0.5472,
57.9785

231.6510, 9.5391,
20.4771

87.5200, 1.7156,
56.5490

249.1300, 2.8939,
5.1480

59.9760, 3.4628,
56.1490

34.1330, 5.3574,
55.1344

23.7800, 0.6015,
40.5349

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 168.5700, -0.7740,
61.7671

■ 168.5700, -0.7740,
61.7671

■ 152.6580, -0.8174,
75.7219

■ 184.4820, -0.7306,
47.8123

■ 136.7460, -0.8608,
89.6768

■ 200.3940, -0.6872,
33.8575

■ 120.7200, -1.3410,
103.7316

■ 216.4200, -0.2071,
19.8027

■ 104.8080, -1.3843,
117.6864

■ 232.3320, -0.1637,
5.8478

■ 89.4830, -1.7171,
131.1264

■ 247.6570, 0.1691,
-7.5922

■ 80.2390, -1.5968,
139.2334

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.5360, 17.4838, 38.9949



168.5700, -0.7740, 61.7671



166.7710, -19.1141, 64.2218

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.5700, -0.7740, 61.7671



157.9920, -31.5481, -7.8860



132.3360, 50.1204, -116.0587

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



168.5700, -0.7740, 61.7671



203.4300, 0.7740, -61.7671

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



131.8510, 35.5695, -115.6333



168.5700, -0.7740, 61.7671



151.1580, -13.3889, -45.7426

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.5700, -0.7740, 61.7671



162.0670, -38.4870, 24.4972



128.1770, 17.6607, -111.5342



157.6200, 43.0783, -50.5327

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.5700, -0.7740, 61.7671



165.3820, -29.2753, 56.6700



128.1770, 17.6607, -111.5342



132.5980, 46.0472, -116.2884

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



168.5700, -0.7740, 61.7671



233.0070, -0.4965, 19.2879



166.3130, 35.8347, 33.0515



114.0770, -0.0380, 12.2105



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.5700, -0.7740, 61.7671



165.2670, -1.1176, 78.6958



175.2600, -20.8342, 55.9000



112.0440, -0.0217, 6.9774



61.7420, -1.3518, 107.2203



18.7960, -0.3924, 32.6279

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.5700, -0.7740, 61.7671



165.2670, -1.1176, 78.6958



196.7400, 20.8342, -55.9000



112.0440, -0.0217, 6.9774



61.7420, -1.3518, 107.2203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 168.5700, -0.7740, 61.7671 looks on a white background.

Color Contrast Check

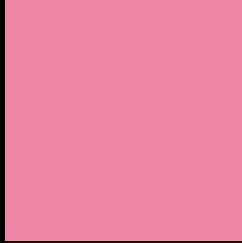
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 168.5700, -0.7740, 61.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

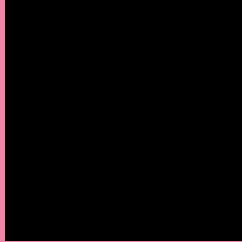
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.5700, -0.7740, 61.7671

Background



This preview shows how black text looks on a background with the YUV color 168.5700, -0.7740, 61.7671.



This preview shows how white text looks on a background with the YUV color 168.5700, -0.7740,

61.7671.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

168.5700, -0.7740, 61.7671

Protanopia

166.7960, 9.4676, -3.3291

Deuteranopia

167.6920, -2.8062, 13.4251



Tritanopia

168.0400, -10.3727, 60.4779

Trichromacy



Original Color

168.5700, -0.7740, 61.7671



Protanomaly

167.3260, 5.7553, 20.7621



Deuteranomaly

168.0300, -1.9868, 30.6687



Tritanomaly

168.5500, -7.1731, 60.9077

Monochromacy



Original Color

168.5700, -0.7740, 61.7671



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.7300, -0.3599, 22.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5700, -0.7740, 61.7671 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 133, 167)` looks like.

```
.text, #text, p{  
    color:rgb(239, 133, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 133, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 133, 167) }
```

Border

The CSS property to change the border of an element to YUV 168.5700, -0.7740, 61.7671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 133, 167) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 133, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 133, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 133, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 133, 167);  
box-shadow:4px 4px 4px 4px rgb(239, 133,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 168.5700, -0.7740, 61.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 133, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
133, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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